

Software Developer – Advanced (Mainframe Systems)

SUMMARY

The Software Developer - Advanced, Enterprise Application Support (EAS) is a key service delivery team member for the IT Division of the Department of Human Services (DHS). Reporting to an IT Manager, s/he will work independently or as a member of a project team, that designs, modifies, and reviews code, develops databases and/or implements complex business applications programs. S/he provides technical support in the development, implementation, maintenance, and support across the system development lifecycle including requirements, functional specifications, design, custom development, integration, testing, and deployment.

The EAS team maintains a strong focus on structuring, managing, and implementing complex technical solutions requiring strong business focus and process optimization, and delivers significant and measurable business value. S/he supports business functions such as Child Care Licensing, Adult Protective Services, Food Programs, Appeals and Hearing, Family Assistance, Child Support Enforcement, and other DHS business units, as needed.

PRINCIPAL DUTIES AND RESPONSIBILITIES

- Recommends viable alternative technical solutions to business issues/opportunities as they arise.
- Provides technical guidance to peers or subordinates regarding improvements to design, code, testing procedures and documentation.
- Develops software according to the design specifications using established software application standards.
- Changes software to address any unexpected or inaccurate processes identified in the system test or through user feedback.
- Troubleshoots operational or software problems and recommends solutions to the supervisor.
- Work with Business Systems Analysis to establish functional requirements.
- Examines system specification, input/output reports, existing equipment, security protocols and system interfaces, current application software and current configuration to understand how the current system operates.
- Confers with lead/supervisor or project manager to obtain information on limitations or capabilities of systems projects to assist in project planning.
- Generates data to test programs and/or system conditions by extracting data from existing sources or entering new data.
- Tests and troubleshoots programs using generated data to determine if the program produces the correct execution sequence and programs interface as specified.
- Provides reliable and reasonable estimates of man-hours required for programming assignments.
- Performs a system walkthrough with information technology peers and supervisors to identify and correct any design problems or ineffective program logic or proposed coding.
- Prepares program documentation which includes the test plan, program specifications, program narrative, client approval, and results of walkthroughs and testing.

EDUCATION / EXPERIENCE

In addition to Minimum Requirements, the following are desired qualifications.

- Experience with mainframe applications, including the ability to step through and understand COBOL source code.
- Experience in Public Sector.

SKILLS

This position requires:

- Dedication and commitment to customer service focused delivery of solutions.
- Strong understanding of SDLC and service delivery models.

- Proficient knowledge of code reviews to ensure compliance with best practices, reusability, maintainability and scalability.
- Superior problem solving ability for addressing escalated issues.
- Experienced with COBOL, CICS, VSAM, JCL, IMS, DB2 along with testing techniques, and programming concepts
- Experience juggling multiple priorities and deadlines.
- Demonstrated flexibility, resilience, and resourcefulness.
- Demonstrated exceptional verbal and written communication skills.
- Ability to organize and plan work to meet goals and deadlines.
- Ability to understand and adapt to new technologies/technology platforms.

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